

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122420\
 Data File : VN065272.D
 Acq On : 24 Dec 2020 19:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/28/2020 11:03:20 AM

Quant Time: Dec 25 02:42:12 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.627	168	272895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	412405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	377629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	188471	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	153028	49.67	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.34%			
35) Dibromofluoromethane	7.553	113	126543	50.86	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.72%			
50) Toluene-d8	10.061	98	462330	49.58	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.16%			
62) 4-Bromofluorobenzene	12.376	95	172265	47.05	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.10%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.840	85	125750	49.80	ug/l	97
3) Chloromethane	2.045	50	141060	49.08	ug/l	100
4) Vinyl Chloride	2.171	62	147307	49.27	ug/l	99
5) Bromomethane	2.524	94	103930	48.91	ug/l	99
6) Chloroethane	2.672	64	95831	49.59	ug/l	98
7) Trichlorofluoromethane	2.991	101	220099	49.20	ug/l	97
8) Diethyl Ether	3.380	74	85928	48.79	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.714	101	121756	48.53	ug/l	98
10) Methyl Iodide	3.907	142	199695	52.69	ug/l	96
11) Tert butyl alcohol	4.778	59	128755	255.42	ug/l	98
12) 1,1-Dichloroethene	3.695	96	127225	47.47	ug/l	96
13) Acrolein	3.573	56	74137	217.77	ug/l	99
14) Allyl chloride	4.274	41	211271	47.82	ug/l	92
15) Acrylonitrile	4.942	53	319144	261.99	ug/l	99
16) Acetone	3.785	43	281620	216.39	ug/l	99
17) Carbon Disulfide	4.000	76	338147	49.30	ug/l	100
18) Methyl Acetate	4.290	43	145714	52.68	ug/l	96
19) Methyl tert-butyl Ether	5.007	73	423925	49.80	ug/l	99
20) Methylene Chloride	4.502	84	137972	45.90	ug/l	96
21) trans-1,2-Dichloroethene	4.987	96	131071	49.81	ug/l	100
22) Diisopropyl ether	5.917	45	427379	48.59	ug/l	98
23) Vinyl Acetate	5.852	43	1866868	251.85	ug/l	98
24) 1,1-Dichloroethane	5.801	63	238695	49.47	ug/l	99
25) 2-Butanone	6.801	43	433221	250.48	ug/l	100
26) 2,2-Dichloropropane	6.778	77	190999	41.44	ug/l	99
27) cis-1,2-Dichloroethene	6.782	96	154132	50.33	ug/l	99
28) Bromochloromethane	7.151	49	100367	45.79	ug/l	96
29) Tetrahydrofuran	7.180	42	283579	253.55	ug/l	99
30) Chloroform	7.331	83	249892	50.32	ug/l	98
31) Cyclohexane	7.611	56	205402	45.15	ug/l	94
32) 1,1,1-Trichloroethane	7.531	97	224554	49.90	ug/l	99
36) 1,1-Dichloropropene	7.753	75	181201	48.32	ug/l	98
37) Ethyl Acetate	6.894	43	188891	50.82	ug/l	98
38) Carbon Tetrachloride	7.733	117	195001	49.51	ug/l	99
39) Methylcyclohexane	9.048	83	212134	47.08	ug/l	99
40) Benzene	8.003	78	550364	49.34	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.129	41	87756	45.37	ug/l	89
42) 1,2-Dichloroethane	8.087	62	202902	49.22	ug/l	97
43) Isopropyl Acetate	8.132	43	320697	50.06	ug/l	98
44) Trichloroethene	8.804	130	159022	49.39	ug/l	98
45) 1,2-Dichloropropane	9.087	63	143174	49.37	ug/l	99
46) Dibromomethane	9.177	93	98700	50.11	ug/l	91
47) Bromodichloromethane	9.370	83	207097	49.87	ug/l	99
48) Methyl methacrylate	9.171	41	156065	50.19	ug/l	93
49) 1,4-Dioxane	9.174	88	53852	1068.53	ug/l	97
51) 4-Methyl-2-Pentanone	9.955	43	926758	257.31	ug/l	96
52) Toluene	10.125	92	351603	50.01	ug/l	100
53) t-1,3-Dichloropropene	10.354	75	223149	47.68	ug/l	98
54) cis-1,3-Dichloropropene	9.807	75	237111	47.68	ug/l	92
55) 1,1,2-Trichloroethane	10.534	97	140690	50.57	ug/l	97
56) Ethyl methacrylate	10.402	69	216886	50.33	ug/l #	91
57) 1,3-Dichloropropane	10.678	76	230656	50.25	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.666	63	452706	241.55	ug/l	99
59) 2-Hexanone	10.724	43	683878	258.28	ug/l	95
60) Dibromochloromethane	10.875	129	168601	50.85	ug/l	99
61) 1,2-Dibromoethane	10.978	107	152122	50.94	ug/l	99
64) Tetrachloroethene	10.601	164	176154	48.03	ug/l	96
65) Chlorobenzene	11.405	112	380368	49.48	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.482	131	151376	50.61	ug/l	99
67) Ethyl Benzene	11.482	91	681345	49.19	ug/l	100
68) m/p-Xylenes	11.595	106	516275	98.94	ug/l	99
69) o-Xylene	11.920	106	251237	49.60	ug/l	98
70) Styrene	11.939	104	426087	50.41	ug/l	99
71) Bromoform	12.100	173	133090	51.69	ug/l #	99
73) Isopropylbenzene	12.222	105	666656	46.44	ug/l	99
74) N-amyl acetate	12.045	43	280295	49.04	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.479	83	191253	49.41	ug/l	98
76) 1,2,3-Trichloropropane	12.527	75	189962m	49.40	ug/l	
77) Bromobenzene	12.498	156	183316	48.87	ug/l	90
78) n-propylbenzene	12.566	91	742551	45.82	ug/l	99
79) 2-Chlorotoluene	12.649	91	444275	46.56	ug/l	98
80) 1,3,5-Trimethylbenzene	12.707	105	567312	46.35	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.273	75	68918	45.20	ug/l	90
82) 4-Chlorotoluene	12.746	91	461220	46.93	ug/l	99
83) tert-Butylbenzene	12.968	119	485423	46.55	ug/l	99
84) 1,2,4-Trimethylbenzene	13.013	105	561620	47.12	ug/l	99
85) sec-Butylbenzene	13.148	105	633337	45.77	ug/l	99
86) p-Isopropyltoluene	13.264	119	581128	45.82	ug/l	100
87) 1,3-Dichlorobenzene	13.257	146	308684	49.20	ug/l	97
88) 1,4-Dichlorobenzene	13.338	146	304363	48.33	ug/l	98
89) n-Butylbenzene	13.588	91	483588	44.60	ug/l	99
90) Hexachloroethane	13.849	117	105268	48.27	ug/l	83
91) 1,2-Dichlorobenzene	13.627	146	301773	50.09	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.244	75	42488	53.29	ug/l	95
93) 1,2,4-Trichlorobenzene	14.881	180	176263	47.39	ug/l	99
94) Hexachlorobutadiene	14.981	225	101101	42.51	ug/l	99
95) Naphthalene	15.096	128	473700	48.60	ug/l	100
96) 1,2,3-Trichlorobenzene	15.264	180	164350	47.66	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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